



IFWO

## RAW SEQUENCE LISTING

DATE: 09/01/2004

PATENT APPLICATION: US/10/755,045A

TIME: 16:12:57

Input Set : D:\0003-00724C.ST25.ST25.txt

Output Set: N:\CRF4\09012004\J755045A.raw

3 &lt;110&gt; APPLICANT: Rajh, Tijana

4 Paunesku, Tatjana

5 Woloschak, Gayle E.

6 Thurnauer, Marion C.

8 &lt;120&gt; TITLE OF INVENTION: Dopa and Dopamine Modification of Metal Oxide Semiconductors,

9 Method for Attaching Biological Molecules to Semiconductors

11 &lt;130&gt; FILE REFERENCE: 0003/00724 C

13 &lt;140&gt; CURRENT APPLICATION NUMBER: US 10/755,045A

14 &lt;141&gt; CURRENT FILING DATE: 2004-01-09

16 &lt;150&gt; PRIOR APPLICATION NUMBER: US 09/606,429

17 &lt;151&gt; PRIOR FILING DATE: 2000-06-28

19 &lt;160&gt; NUMBER OF SEQ ID NOS: 6

21 &lt;170&gt; SOFTWARE: PatentIn version 3.2

23 &lt;210&gt; SEQ ID NO: 1

24 &lt;211&gt; LENGTH: 16

25 &lt;212&gt; TYPE: DNA

26 &lt;213&gt; ORGANISM: artificial sequence

28 &lt;220&gt; FEATURE:

29 &lt;223&gt; OTHER INFORMATION: synthetic construct

32 &lt;220&gt; FEATURE:

33 &lt;221&gt; NAME/KEY: misc\_feature

34 &lt;222&gt; LOCATION: (1)..(1)

35 &lt;223&gt; OTHER INFORMATION: n is carboxyl deoxythymidine

37 &lt;400&gt; SEQUENCE: 1

W--&gt; 38 ngcatgcatg gatgga

16

41 &lt;210&gt; SEQ ID NO: 2

42 &lt;211&gt; LENGTH: 16

43 &lt;212&gt; TYPE: DNA

44 &lt;213&gt; ORGANISM: artificial sequence

46 &lt;220&gt; FEATURE:

47 &lt;223&gt; OTHER INFORMATION: synthetic construct

50 &lt;220&gt; FEATURE:

51 &lt;221&gt; NAME/KEY: misc\_feature

52 &lt;222&gt; LOCATION: (1)..(1)

53 &lt;223&gt; OTHER INFORMATION: n is carboxyl deoxythymidine

55 &lt;400&gt; SEQUENCE: 2

W--&gt; 56 nggatggatg gatgga

16

59 &lt;210&gt; SEQ ID NO: 3

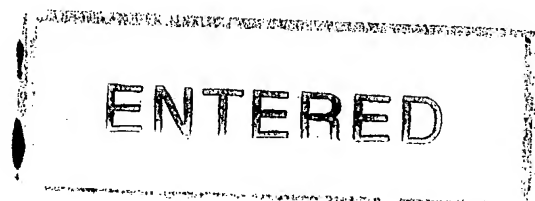
60 &lt;211&gt; LENGTH: 16

61 &lt;212&gt; TYPE: DNA

62 &lt;213&gt; ORGANISM: artificial sequence

64 &lt;220&gt; FEATURE:

65 &lt;223&gt; OTHER INFORMATION: synthetic construct



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68 &lt;220&gt; FEATURE:

69 &lt;221&gt; NAME/KEY: misc\_feature

70 &lt;222&gt; LOCATION: (1)..(1)

71 &lt;223&gt; OTHER INFORMATION: n is carboxyl deoxythymidine

73 &lt;400&gt; SEQUENCE: 3

W--&gt; 74 nccactttcc acacag

16

77 &lt;210&gt; SEQ ID NO: 4

78 &lt;211&gt; LENGTH: 16

79 &lt;212&gt; TYPE: DNA

80 &lt;213&gt; ORGANISM: artificial sequence

82 &lt;220&gt; FEATURE:

83 &lt;223&gt; OTHER INFORMATION: synthetic construct

86 &lt;220&gt; FEATURE:

87 &lt;221&gt; NAME/KEY: misc\_feature

88 &lt;222&gt; LOCATION: (1)..(1)

89 &lt;223&gt; OTHER INFORMATION: n is carboxyl deoxythymidine

91 &lt;400&gt; SEQUENCE: 4

W--&gt; 92 nagaccaaga gccttc

16

95 &lt;210&gt; SEQ ID NO: 5

96 &lt;211&gt; LENGTH: 16

97 &lt;212&gt; TYPE: DNA

98 &lt;213&gt; ORGANISM: artificial sequence

100 &lt;220&gt; FEATURE:

101 &lt;223&gt; OTHER INFORMATION: synthetic construct

104 &lt;220&gt; FEATURE:

105 &lt;221&gt; NAME/KEY: misc\_feature

106 &lt;222&gt; LOCATION: (1)..(1)

107 &lt;223&gt; OTHER INFORMATION: n is carboxyl deoxythymidine

109 &lt;400&gt; SEQUENCE: 5

W--&gt; 110 nttccttgga tgtggt

16

113 &lt;210&gt; SEQ ID NO: 6

114 &lt;211&gt; LENGTH: 16

115 &lt;212&gt; TYPE: DNA

116 &lt;213&gt; ORGANISM: artificial sequence

118 &lt;220&gt; FEATURE:

119 &lt;223&gt; OTHER INFORMATION: synthetic construct

122 &lt;220&gt; FEATURE:

123 &lt;221&gt; NAME/KEY: misc\_feature

124 &lt;222&gt; LOCATION: (1)..(1)

125 &lt;223&gt; OTHER INFORMATION: n is carboxyl deoxythymidine

127 &lt;400&gt; SEQUENCE: 6

W--&gt; 128 ncaggattcc ctcagt

16

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 09/01/2004  
PATENT APPLICATION: US/10/755,045A      TIME: 16:12:58

Input Set : D:\0003-00724C.ST25.ST25.txt  
Output Set: N:\CRF4\09012004\J755045A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1  
Seq#:2; N Pos. 1  
Seq#:3; N Pos. 1  
Seq#:4; N Pos. 1  
Seq#:5; N Pos. 1  
Seq#:6; N Pos. 1

**VERIFICATION SUMMARY**

DATE: 09/01/2004

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TIME: 16:12:58

Input Set : D:\0003-00724C.ST25.ST25.txt

Output Set: N:\CRF4\09012004\J755045A.raw

L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0